

Table 16. Maximum stage and discharge for period of record for streamflow-gaging stations having significant floods during 1970–89 in Iowa

[mi², square miles; ft, feet above an arbitrary datum; ft³/s, cubic feet per second; --, not determined or not applicable; >, greater than; <, less than. Source: Recurrence intervals calculated from U.S. Geological Survey data. Other data from U.S. Geological Survey reports or data bases]

Station number (fig. 37)	Station name	Total drainage area (mi ²)	Maximum stage and discharge for period of record through 1994				Significant floods during 1970–89				
			Period of record	Water year	Stage (ft)	Dis- charge (ft ³ /s)	Date (month/ day/year)	Stage (ft)	Dis- charge (ft ³ /s)	Regu- lated during flood ¹	Recur- rence interval (years)
05388310	Waterloo Creek near Dorchester, IA	43.6	1970–87, 1989–93	1978	704.80	9,380	7/01/78	704.80	9,380	N	--
05388400	Wexford Creek near Harpers Ferry, IA	11.9	1953–87, 1989	1978	9.78	8,100	7/01/78 8/05/81	9.78 9.01	8,100 5,800	N N	-- --
05388600	Paint Creek near Waterville, IA	56.0	1951, 1953–85	1974	19.24	19,000	6/20/74	19.24	19,000	N	--
05411600	Turkey River at Spillville, IA	177	1947, 1956–73, 1978–91	1947	18.40	10,000	7/12/72	16.73	8,600	N	15–20
05414350	Little Maquoketa River near Graf, IA	39.6	1951–94	1951	15.78	7,220	8/02/72	14.59	6,100	N	--
05414400	Middle Fork Little Maquoketa River near Rickardsville, IA	30.2	1951–72, 1976–89, 1991–94	1972	27.70	23,000	8/02/72	27.70	23,000	N	--
05414450	North Fork Little Maquoketa River near Rickardsville, IA	21.6	1951–94	1972	14.02	7,180	8/02/72	14.02	7,180	N	>100
05414500	Little Maquoketa River near Durango, IA	130	1925, 1935–83, 1986–92, 1994	1972	23.13	40,000	8/02/72	23.13	40,000	N	>100
05414600	Little Maquoketa River tributary at Dubuque, IA	1.54	1951–65, 1967–92, 1994	1957 1972	7.98 15.31	1,650 1,250	11/01/71	15.31	1,250	N	30–35
05417530	Plum Creek at Earlville, IA	41.1	1966–91	1974	88.75	6,200	6/21/74	88.75	6,200	N	50–60
05418450	North Fork Maquoketa River at Fulton, IA	516	1974, 1977–91	1981	17.26	10,700	8/31/81	17.26	10,700	N	5–20
05420560	Wapsipinicon River near Elma, IA	95.2	1959–92	1974 1979	14.94 15.38	10,100 6,420	6/04/74 6/17/84	14.94 14.81	10,100 6,580	N N	20–30 5–10
05420600	Little Wapsipinicon River tributary near Riceville, IA	0.90	1953–94	1993	5.71	2,470	6/17/84	5.08	920	N	10–15
05420620	Little Wapsipinicon River near Acme, IA	7.76	1953–91, 1993	1962	9.02	2,380	6/17/84	8.91	2,100	N	35–40
05421300	Pine Creek tributary number 2 at Winthrop, IA	0.70	1953–87, 1989, 1993	1968	7.26	570	6/14/70	7.17	470	N	--
05421550	Buffalo Creek above Winthrop, IA	68.2	1957–86, 1989–90	1968	19.36	14,100	8/30/79	19.11	11,000	N	--
05421890	Silver Creek at Welton, IA	9.03	1966–94	1974 1986	89.77 89.82	4,820 2,050	5/17/74	89.77	4,820	N	20
05422000	Wapsipinicon River near De Witt, IA	2,330	1935–94	1990	14.19	31,100	4/22/73 5/17/74	12.76 13.07	27,000 29,900	N N	30–35 50
05448900	East Branch Iowa River tributary near Garner, IA	5.98	1952–86	1984	10.46	660	6/07/84	10.46	660	N	--
05449500	Iowa River near Rowan, IA	429	1941–76, 1978–94	1954 1984	14.88 15.00	8,460 8,450	6/17/84	15.00	8,450	N	60–70
05451500	Iowa River at Marshalltown, IA	1,532	1903, 1915–27, 1929–30, 1933–94	1918 1993	17.74 20.77	42,000 20,400	3/19/79	19.77	20,900	N	15–20
05451700	Timber Creek near Marshalltown, IA	118	1947, 1950–94	1977	17.69	12,000	8/16/77 6/15/82	17.69 17.30	12,000 9,940	N N	95–100 35–40

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Station number (fig. 37)	Station name	Total drainage area (mi ²)	Maximum stage and discharge for period of record through 1994				Significant floods during 1970–89				
			Period of record	Water year	Stage (ft)	Dis- charge (ft ³ /s)	Date (month/ day/year)	Stage (ft)	Dis- charge (ft ³ /s)	Regu- lated during flood ¹	Recur- rence interval (years)
05451900	Richland Creek near Haven, IA	56.1	1918, 1950–94	1991	26.71	12,200	5/28/74	24.00	7,000	N	50–55
05451955	Stein Creek near Clutier, IA	23.4	1972–87, 1989–94	1982	77.92	11,400	6/15/82	77.92	11,400	N	>100
05452000	Salt Creek near Elberon, IA	201	1944, 1946–94	1993	20.85	36,600	6/15/82	20.00	33,200	N	70–75
05452200	Walnut Creek near Hartwick, IA	70.9	1947, 1950–94	1991 1947	16.93 17.70	7,900 --	7/02/83	16.65	7,100	N	15–20
05453600	Rapid Creek below Morse, IA	8.12	1951–92	1987	25.99	3,000	7/17/72 6/21/87	25.66 25.99	2,800 3,000	N N	20 25
05453750	Rapid Creek southwest of Morse, IA	15.2	1951–87, 1989–92	1972	29.74	4,300	7/17/72	29.74	4,300	N	30–35
05453850	Rapid Creek tributary number 3 near Oasis, IA	1.62	1951–86, 1990–92	1965	24.16	1,200	7/17/72	24.11	1,200	N	--
05453950	Rapid Creek tributary near Iowa City, IA	3.43	1951–86, 1988, 1990–92	1972	26.57	2,000	7/17/72	26.57	2,000	N	40
05455000	Ralston Creek at Iowa City, IA	3.01	1925–87	1971 1956	4.15 9.06	2,200 1,690	2/19/71 7/17/72	4.15 9.01	2,200 1,760	N N	75 35
05455010	South Branch Ralston Creek at Iowa City, IA	2.94	1962, 1964–86, 1988–94	1972 1962	9.47 10.50	1,070 --	7/17/72	9.47	1,070	N	10–25
05455100	Old Mans Creek near Iowa City, IA	201	1951–87, 1989–94	1982 1993	15.25 17.61	13,500 13,000	5/15/82	15.25	13,500	N	50
05455210	North English River at Guernsey, IA	81.5	1960, 1966–94	1982	87.43	7,460	9/18/77 6/15/82	87.36 87.43	7,000 7,460	N N	20–25 35–40
05455230	Deep River at Deep River, IA	30.5	1960, 1966–93	1970	83.85	6,200	5/14/70	83.85	6,200	N	--
05455280	South English River tributary near Barnes City, IA	2.51	1953–76	1970	9.04	900	3/02/70	9.04	900	N	10–25
05455300	South English River near Barnes City, IA	11.5	1953–87	1982	13.77	2,200	8/05/70 7/18/82	13.16 13.77	1,850 2,200	N N	30 50
05455350	South English River tributary number 2 near Montezuma, IA	0.52	1953–85	1961	13.65	344	5/28/74	13.53	340	N	50
05455700	Iowa River near Lone Tree, IA	4,293	1944, 1957–94	1993	22.94	57,100	5/19/74	18.97	35,700	Y	25–35
05458560	Beaverdam Creek near Sheffield, IA	123	1966–89	1979 1969	57.51 59.82	4,400 --	8/22/79	57.51	4,400	N	--
05459010	Elk Creek at Kensett, IA	58.1	1966–89	1986	91.91	1,450	3/20/86	91.91	1,450	N	25–50
05459490	Spring Creek near Mason City, IA	29.3	1966–91, 1993	1980	90.32	4,500	5/30/80	90.32	4,500	N	--
05462750	Beaver Creek tributary near Aplington, IA	11.6	1966–91	1983	94.27	3,000	5/19/83	94.27	3,000	N	10–25
05464130	Fourmile Creek near Lincoln, IA	13.8	1963–67, 1970–74, 1977–80	1979 1974	13.51 13.98	1,100 893	7/03/79	13.51	1,100	N	10–25
05464133	Half Mile Creek near Gladbrook, IA	1.33	1963–67, 1970–74, 1977–80	1979	9.57	611	6/12/79	9.57	611	N	75–100
05464137	Fourmile Creek near Traer, IA	19.5	1963–74, 1976–80	1979 1974	11.93 12.91	1,450 1,040	3/18/79	11.93	1,450	N	25–50
05464145	Twelvemile Creek near Traer, IA	43.8	1966–87, 1989–92	1979 1990	88.36 88.93	3,800 --	7/03/79	88.36	3,800	N	--

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			Period of record	Water year	Stage (ft)	Dis- charge (ft ³ /s)	Date (month/ day/year)	Stage (ft)	Dis- charge (ft ³ /s)	Regu- lated during flood ¹	Recur- rence interval (years)
05464560	Prairie Creek at Blairstown, IA	87.0	1966–84, 1986–87	1982 1970	84.65 85.05	4,750 4,600	6/15/82	84.65	4,750	N	25–50
05464640	Prairie Creek at Fairfax, IA	178	1967–82	1979	14.63	8,140	3/19/79	14.63	8,140	N	10–25
05465500	Iowa River at Wapello, IA	12,499	1903–94	1993 1990	28.10 28.91	111,000 86,600	4/22/73	28.63	92,000	Y	50
05471000	South Skunk River below Squaw Creek near Ames, IA	556	1944, 1953–79, 1990, 1992–94	1993 1975	25.55 25.57	26,500 14,700	3/27/75	25.57	14,700	N	40–45
05472290	Sugar Creek near Searsboro, IA	52.7	1966–88	1974	92.85	4,600	5/18/74	92.85	4,600	N	50–75
05472390	Middle Creek near Lacey, IA	23.0	1966–94	1976	90.06	9,650	4/24/76	90.06	9,650	N	>100
05472445	Rock Creek at Sigourney, IA	26.3	1966–88	1970	91.29	4,100	9/17/70	91.29	4,100	N	50–100
05473500	Big Creek near Mount Pleasant, IA	106	1948, 1956–79	1973 1948	25.58 27.00	10,500 --	4/22/73	25.58	10,500	N	>100
05474000	Skunk River at Augusta, IA	4,303	1903, 1915–94	1973	27.05	66,800	4/23/73	27.05	66,800	N	>200
05474500	Mississippi River at Keokuk, IA	119,000	1851, 1878–1989, 1991–94	1993	27.58	446,000	4/24/73	--	344,000	Y	75–100
05481680	Beaver Creek at Beaver, IA	38.5	1966–90	1979	89.99	1,950	3/19/79	89.99	1,950	N	--
05481690	West Beaver Creek at Grand Junction, IA	12.6	1966–87, 1989	1986 1979	89.01 89.51	880 --	6/30/86	89.01	880	N	--
05481950	Beaver Creek near Grimes, IA	358	1960–94	1993	16.58	14,300	6/30/86	14.73	7,980	N	20–30
05482135	North Raccoon River near Newell, IA	233	1983–93	1984	16.73	2,850	6/17/84	16.73	2,850	N	5–15
05482170	Big Cedar Creek near Varina, IA	80.0	1960–91	1962 1979	13.68 16.29	2,080 2,050	3/24/79	16.29	2,050	N	15–20
05482300	North Raccoon River near Sac City, IA	700	1954, 1959–94	1979 1990	18.02 20.14	13,100 9,930	3/23/79	18.02	13,100	N	25
05483000	East Fork Hardin Creek near Churdan, IA	24.0	1952–91	1990 1986	10.20 10.78	754 737	6/30/86	10.78	737	N	100
05484000	South Raccoon River at Redfield, IA	994	1940–94	1993 1958	26.98 29.04	44,000 35,000	7/01/86	25.15	26,300	N	20
05484500	Raccoon River at Van Meter, IA	3,441	1915–94	1993	26.34	70,100	7/04/73 7/01/86	21.74 22.69	35,600 40,200	N N	20 25
05484800	Walnut Creek at Des Moines, IA	78.4	1972–94	1986	18.32	12,500	5/10/86	18.32	12,500	N	45
05485640	Fourmile Creek at Des Moines, IA	92.7	1972–79, 1981–94	1977 1974	14.64 14.84	5,380 5,340	8/28/77	14.64	5,380	N	15
05486000	North River near Norwalk, IA	349	1940–94	1947 1990	25.30 25.33	32,000 22,600	6/11/84	23.03	13,700	N	20
05486490	Middle River near Indianola, IA	503	1940–94	1947	26.40	34,000	8/27/87	23.79	15,500	N	15
05487350	South Otter Creek tributary near Woodburn, IA	0.71	1955–70, 1972–74, 1976, 1978–84	1981	14.06	1,670	6/07/81	14.06	1,670	N	--
05487470	South River near Ackworth, IA	460	1930, 1940–94	1990 1981	31.25 32.85	38,100 32,700	7/05/81	32.85	32,700	N	40

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05487600	South White Breast Creek near Osceola, IA	28.0	1953–81	1981	15.66	11,800	6/07/81	15.66	11,800	N	>100
05487800	White Breast Creek at Lucas, IA	128	1953–88, 1990–91	1981	18.27	15,500	7/04/81 8/26/87	18.27 17.52	15,500 11,500	N N	50–100 20–25
05487980	White Breast Creek near Dallas, IA	342	1962–94	1982	33.45	37,300	7/16/82	33.45	37,300	N	>200
05488620	Coal Creek near Albia, IA	13.5	1966–87, 1989–91	1982	88.51	12,700	7/03/82	88.51	12,700	N	50–100
05489000	Cedar Creek near Bussey, IA	374	1946, 1948–94	1982	34.61	96,000	7/03/82	34.61	96,000	N	>200
05489150	Little Muchakinock Creek at Oskaloosa, IA	9.12	1966–88	1970	89.06	4,500	9/17/70	89.06	4,500	N	>100
05489350	South Avery Creek near Blakesburg, IA	33.1	1965–90, 1992–94	1982	90.20	21,000	7/03/82	90.20	21,000	N	--
05489490	Bear Creek at Ottumwa, IA	22.9	1965–94	1982	93.91	4,030	7/03/82	93.91	4,030	N	25–50
05494100	South Fox Creek tributary near West Grove, IA	0.55	1953–56, 1958–60, 1962–66, 1968–70, 1972–74, 1976–83	1980 1982	6.43 7.25	788 490	6/02/80	6.43	788	N	--
05495600	South Wyaconda River near West Grove, IA	4.69	1953–75	1970	10.11	3,100	9/15/70	10.11	3,100	N	25–50
06483440	Dawson Creek near Sibley, IA	4.35	1952–94	1985 1993	6.28 8.84	4,500 --	5/15/85	6.28	4,500	N	--
06483460	Otter Creek near Ashton, IA	88.0	1952–72, 1974–88	1979	12.39	18,000	8/21/79	12.39	18,000	N	>100
06486000	Missouri River at Sioux City, IA	314,600	1929–94	1952 1971	24.28 30.65	441,000 80,000	2/19/71	30.65	80,000	Y	20–25
06599800	Perry Creek near Merrill, IA	8.17	1953–84, 1986–87, 1989–94	1953 1962	9.51 12.22	2,540 2,000	6/23/77	9.38	2,100	N	25
06600100	Floyd River at Alton, IA	268	1953, 1956–94	1953 1983	-- 18.54	45,500 16,300	6/20/83	18.54	16,300	N	30–35
06600500	Floyd River at James, IA	886	1935–94	1953 1983	25.30 28.85	71,500 18,000	6/21/83	28.85	18,000	N	20
06601480	Big Whiskey Slough near Remsen, IA	12.9	1967, 1969–71, 1973, 1975, 1978–86, 1988–90, 1993–94	1985 1979	93.49 94.87	1,120 --	4/23/85	93.49	1,120	N	--
06602020	West Fork Ditch at Hornick, IA	403	1975–94	1984	22.80	9,960	6/19/84	22.80	9,960	N	20
06602190	Elliott Creek at Lawton, IA	34.8	1966–90, 1993	1984	86.14	3,150	6/12/84	86.14	3,150	N	25–50
06602400	Monona-Harrison Ditch near Turin, IA	900	1940–94	1954 1984	23.40 24.80	21,000 13,300	2/19/71 6/18/84	23.03 24.80	19,900 13,300	N N	50–55 10
06605340	Prairie Creek near Spencer, IA	22.3	1966–94	1971 1994	90.77 91.05	2,200 --	7/04/71	90.77	2,200	N	25–50
06605750	Willow Creek near Cornell, IA	78.6	1966–92	1979	91.49	4,200	3/22/79	91.49	4,200	N	25–50
06605890	Waterman Creek at Hartley, IA	28.7	1966–89	1975 1987	87.88 89.68	2,100 --	6/04/75	87.88	2,100	N	10–25

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06607200	Maple River at Mapleton, IA	669	1942–94	1978 1950	16.74 22.10	20,800 13,000	9/12/78 6/21/83	16.74 16.84	20,800 17,200	N N	30 15
06607500	Little Sioux River near Turin, IA	3,526	1940–94	1983 1971	26.54 27.44	31,200 30,000	2/19/71 6/21/83 6/16/84	27.44 26.54 22.60	30,000 31,200 31,000	N N N	10 10 10
06609500	Boyer River at Logan, IA	871	1881, 1918–25, 1938–94	1990 1881	22.54 25.00	30,800 --	2/19/71	22.65	25,000	N	15
06610510	Moser Creek near Earling, IA	21.6	1966–90, 1993–94	1984	87.89	9,600	6/15/84	87.89	9,600	N	10–25
06610520	Mosquito Creek near Earling, IA	32.0	1965–79	1972	31.18	12,000	9/11/72	31.18	12,000	N	45–50
06610600	Mosquito Creek at Neola, IA	131	1952–94	1958 1978	23.26 31.28	17,300 11,900	9/11/72	31.23	13,700	N	20
06807410	West Nishnabotna River at Hancock, IA	609	1960–94	1993	23.52	30,100	9/13/72	22.12	26,400	N	20–25
06807470	Indian Creek near Emerson, IA	37.3	1966–91, 1993	1982	92.63	15,800	6/15/82	92.63	15,800	N	>100
06807720	Middle Silver Creek near Avoca, IA	3.21	1953–84, 1986	1976	11.21	1,200	9/26/73 6/14/76	10.65 11.21	1,040 1,200	N N	-- --
06807760	Middle Silver Creek near Oakland, IA	25.7	1953–94	1991	15.54	2,500	7/04/73	14.73	2,110	N	40
06807780	Middle Silver Creek at Treyvor, IA	42.7	1953–55, 1957–90	1973	17.06	3,700	7/04/73 8/08/87	17.06 14.06	3,700 2,920	N N	50–100 25
06808500	West Nishnabotna River at Randolph, IA	1,326	1947, 1949–94	1987 1949	24.50 24.60	40,800 16,000	5/26/87	24.50	40,800	N	50
06809210	East Nishnabotna River near Atlantic, IA	436	1958, 1961–94	1958 1972	22.49 22.81	34,200 26,700	9/12/72	22.81	26,700	N	30–35
06809500	East Nishnabotna River at Red Oak, IA	894	1917–25, 1936–94	1972	27.43	38,000	9/13/72	27.43	38,000	N	>100
06811760	Tarkio River near Elliott, IA	10.7	1952–87, 1989–91, 1993	1993 1982	12.98 13.57	4,640 2,500	5/26/87	12.26	3,210	N	25–50
06811800	East Tarkio Creek near Stanton, IA	4.66	1952–91, 1993–94	1967	13.74	4,790	5/26/87	12.94	3,600	N	25–50
06811820	Tarkio River tributary near Stanton, IA	0.67	1952–84, 1987, 1992–93	1967	5.18	835	5/26/87	--	398	N	--
06811840	Tarkio River at Stanton, IA	49.3	1952, 1954–56, 1958–91	1967	28.56	22,500	5/26/87	19.86	10,100	N	15
06811875	Snake Creek near Yorktown, IA	9.10	1966–91	1987	95.24	3,080	7/09/87	95.24	3,080	N	10–25
06817000	Nodaway River at Clarinda, IA	762	1918–25, 1936–94	1947	25.30	31,100	6/15/82 9/09/89	19.70 23.27	29,100 28,700	N N	20 15
06818598	Platte River near Stringtown, IA	51.7	1966–88	1974	92.09	3,120	10/11/73	92.09	3,120	N	25–50
06818750	Platte River near Diagonal, IA	217	1967–91	1989 1987	23.60 23.67	8,630 8,580	9/09/89	23.60	8,630	N	20–25
06819110	Middle Fork 102 River near Gravity, IA	34.5	1966–87, 1989, 1993–94	1973	83.65	5,800	2/01/73	83.65	5,800	N	--
06819185	East Fork 102 River at Bedford, IA	85.4	1984–94	1986 1993	23.47 23.85	9,570 9,170	7/14/86	23.47	9,570	N	20
06819190	East Fork 102 River near Bedford, IA	92.1	1960–83	1974	20.72	9,980	10/11/73	20.72	9,980	N	20

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06903400	Chariton River near Chariton, IA	182	1947, 1960, 1966–94	1992	29.32	37,700	7/04/81	23.14	16,600	N	25
06903980	Chariton River near Udell, IA	631	1973–87, 1991–94	1982	860.22	8,000	7/16/82	860.22	8,000	Y	--
06903990	Cooper Creek at Centerville, IA	47.8	1966–89	1982	80.41	7,000	7/16/82	80.41	7,000	N	25–50
06904010	Chariton River near Moulton, IA	740	1980–89, 1991–94	1982	36.83	11,200	7/16/82	36.83	11,200	Y	--
06904040	Chariton River at Coal City, IA	816	1973–74, 1976, 1978–84	1981 1982	823.94 823.97	7,400 7,400	7/05/81	823.94	7,400	Y	--

¹ Regulated during flood: N, no; Y, yes.